

ACTION UPDATE

Research Screening Committee Meeting

Fiscal Year 1999-2000

October 8, 1999 – March 2, 2000

REQUEST FOR PROPOSALS

1. "Analysis of Data Collected During the 1997 Southern California Ozone Study", RFP No. 99-05 (Approved 10/8/99)
2. "Collection and Analysis of Weekend/Weekday Activity Data in the South Coast Air Basin," RFP No. 00-1 (Approved 03/02/00)
3. "Characterizing the Range of Children's Pollutant Exposures During School Bus Commutes," RFP No. 00-2 (Approved 03/02/00)

SOLE-SOURCE PROPOSALS

1. "Refinement and Demonstration of a New Indoor Continuous Nitrogen Dioxide Monitor," Battelle, \$89,947, Proposal No. 2450-2131 (Approved 03/02/00)

INTERAGENCY PROPOSALS

1. "Mechanisms of Particulate Toxicity: Health Effects in Susceptible Humans", University of California, San Francisco, \$409,937, Proposal No. 2444-211A (Approved 10/8/99)
2. "Mechanisms of Particulate Toxicity: Effects on The Respiratory System", University of California, Davis, \$567,529, Proposal No. 2444-211B (Approved 10/8/99)
3. "Mechanisms of Particulate Toxicity: Systemic Effects in Sensitive Animal Models and Susceptible Humans", University of California, Irvine, \$231,982, Proposal No. 2444-211C (Approved 10/8/99)
4. "Determination of Non-Registration Rates for On-Road Vehicles in California", University of California, Riverside, \$207,500, Proposal No. 2443-211 (Deferred 10/8/99)
5. "Revegetation in the Antelope Valley for Particulate Matter Mitigation", University of California, Davis, \$29,956, Proposal No. 2446-211, (Approved 10/8/99)

6. "Responses to Short-Term Fluctuations in Particulate Air Pollution in Asthmatic Children: Implications for Asthma Natural History Part A," University of California, Berkeley, Proposal No. 2447-212A, \$1,976,054, 36 months (Approved 11/5/99)
7. "Responses to Short-Term Fluctuations in Particulate Air Pollution in Asthmatic Children: Implications for Asthma Natural History Part B," University of California, Berkeley, Proposal No. 2447-212B, \$1,906,976, 30 months (Approved 11/5/99)
8. "Determination of Non-Registration Rates for On-Road Vehicles in California," University of California, Riverside, \$210,000, Proposal No. 2443-211 (Approved 11/5/99)
9. "Validation of Concentrations Estimated from Air Dispersion Modeling for Source to Receptor Distances of Less Than 100 Meters," University of California, Riverside, \$150,000, Proposal No. 2439-211 (Approved 11/5/99)
10. "Development of Reactivity Scales via 3-D Grid Modeling of California Ozone Episodes," University of California, Berkeley, \$20,000, Proposal No. 2448-213 (Approved 03/02/00)

FINAL REPORTS

1. "OBDII: Incorporation of Wireless Equipment into Vehicle On-Board Diagnostic Systems", Sierra Research, \$299,706, Contract No. 96-332 (Approved 10/8/99)
2. "Development of Laser Desorption Laser Photoionization Mass Spectrometry Method for the Screening of Nitro-Substituted Polycyclic Aromatic Hydrocarbons, Chlorinated Dioxins and Chlorinated Furans", University of California, Davis, \$29,539, Contract No. 97-305 (Approved 10/8/99)
3. "Development of a Short-Averaging-Time Indoor Nitrogen Dioxide Monitor," Battelle, \$215,200, Contract No. 96-312 (Approved 11/5/99)
4. "Development of Toxics Emissions Factors from Source Test Data Collected under the Hot Spots Program – Part II," GE Energy and Environmental Research Corporation, \$149,885, Contract No. 96-333 (Approved 03/02/00)
5. "Automatic Charging System for Electric Vehicles – Demonstration Project," Bevilacqua-Knight, Inc., \$483,650, Contract No. 96-321 (Approved 03/02/00)
6. "Uncertainty Analysis of Chemical Mechanisms Derived from Environmental Chamber Data," University of California, Riverside, \$157,149, Contract No. 95-331 (Approved 03/02/00)

OTHER BUSINESS

1. Status of the proposal entitled "Demonstration of the High Volume Collection System (HVCS) for Direct Measurement of Mass Emission Rates of Hydrocarbon Leaks," University of California, Berkeley, \$109,000, Proposal No. 2449-213 (Approved 03/02/00)
2. Status of the contract entitled "Demonstration of a Diesel-Fuel-Borne-Catalyst System and Low NO_x Control Technology for Reducing Particulate and NO_x Emissions," SCAQMD/Arcadis, \$225,000, Contract No. 96-334 (03/02/00)
3. Planned Air Pollution Research, Fiscal Year 2000/01 – Review of the project selection process and staff recommendations (03/02/00)